www.ps.bam.de/NG16/10Q/Q16G00F1.PS/.TXT; Linearisierte-Ausgabe
F: Ausgabe-Linearisierung (OL-Daten) NG16/10Q/Q16G00F1.DAT in der Datei (F)

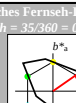
Siehe ähnliche Dateien: http://www.ps.bam.de/NG16/
Technische Information: http://www.ps.bam.de Version 2.1, io=1.1, CIELAB

Eingabe: Farbmetrisches Fernseh-Licht-System 1LS18

für Buntton $h^* = lab^*h = 35/360 = 0.097$
*lab*tch* und *lab*nch*

D65: Buntton O
LCH*Ma: 53 87 35
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
$u^*_{uni} = 118$
%Regularität
$g^*_{Uni} = 22$
$g^*_{Cuni} = 40$

TLS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	52.76	71.63	49.88	87.29	35
Y_{Ma}	92.74	−20.02	84.97	87.3	103
L_{Ma}	84.0	−78.98	73.94	108.2	137
C_{Ma}	87.14	−44.41	−13.11	46.32	196
V_{Ma}	35.47	64.92	−95.06	115.12	304
M_{Ma}	59.01	89.33	−55.67	105.26	328
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.74	27.99	65.07	25
J_{CIE}	81.26	−2.88	71.56	71.62	92
G_{CIE}	52.23	−42.41	13.6	44.55	162
B_{CIE}	30.57	1.41	−46.46	46.49	272

relative **Inform. Technology (IT)**

olv3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

***standard and adapted* CIELAB**

LAB*LAB	95.41	0.0	0.0
LAB*LABa	95.41	0.0	0.0
LAB*TCHa	99.99	0.01	–

relative* CIELAB *lab*

*lab*lab	1.0	0.0	0.0
*lab*tch	1.0	0.0	–
*lab*nch	0.0	0.0	0.0

***relative* Natural Colour (NC)**

*lab*lrj	1.0	0.0	0.0
*lab*rCe	1.0	0.0	–
*lab*nCE	0.0	0.0	0.0

relative **Inform. Technology (IT)**

olv3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.5

***standard and adapted* CIELAB**

LAB*LAB	56.72	0.0	0.0
LAB*LABa	56.72	0.0	0.0
LAB*TCHa	50.0	0.01	–

relative* CIELAB *lab*

*lab*lab	0.5	0.0	0.0
*lab*tch	0.5	0.0	–
*lab*nch	0.5	0.0	0.0

***relative* Natural Colour (NC)**

*lab*lrj	0.5	0.0	0.0
*lab*rCe	0.5	0.0	–
*lab*nCE	0.5	0.0	–

relative **Inform. Technology (IT)**

olv3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	1.0

***standard and adapted* CIELAB**

LAB*LAB	18.03	0.0	0.0
LAB*LABa	18.03	0.0	0.0
LAB*TCHa	0.01	0.01	–

relative* CIELAB *lab*

*lab*lab	0.0	0.0	0.0
*lab*tch	0.0	0.0	–
*lab*nch	1.0	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj	0.0	0.0	0.0
*lab*rCe	0.0	0.0	–
*lab*nCE	1.0	0.0	–

relative **Inform. Technology (IT)**

olv3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.0	0.5	0.5	(0.0)
olv4*	1.0	0.5	0.5	1.0
cmyn4*	0.0	0.5	0.5	0.5

***standard and adapted* CIELAB**

LAB*LAB	74.08	35.81	24.94
LAB*LABa	74.08	35.81	24.94
LAB*TCHa	75.0	43.63	34.85

relative* CIELAB *lab*

*lab*lab	0.724	0.41	0.286
*lab*tch	0.75	0.5	0.097
*lab*nch	0.5	0.5	0.097

***relative* Natural Colour (NC)**

*lab*lrj	0.724	0.488	0.109
*lab*rCe	0.75	0.5	0.035
*lab*nCE	0.0	0.5	r14j

relative **Inform. Technology (IT)**

olv3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	1.0	1.0	(0.0)
olv4*	1.0	0.5	0.5	0.5
cmyn4*	0.0	0.5	0.5	0.5

***standard and adapted* CIELAB**

LAB*LAB	35.39	35.81	24.94
LAB*LABa	35.39	35.81	24.94
LAB*TCHa	25.01	43.63	34.85

relative* CIELAB *lab*

*lab*lab	0.225	0.41	0.286
*lab*tch	0.25	0.5	0.097
*lab*nch	0.5	0.5	0.097

***relative* Natural Colour (NC)**

*lab*lrj	0.225	0.488	0.109
*lab*rCe	0.25	0.5	0.035
*lab*nCE	0.5	0.5	r14j

relative **Inform. Technology (IT)**

olv3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

***standard and adapted* CIELAB**

LAB*LAB	52.76	71.62	49.87
LAB*LABa	52.76	71.62	49.87
LAB*TCHa	50.0	87.27	34.85

relative* CIELAB *lab*

*lab*lab	0.449	0.82	0.571
*lab*tch	0.5	1.0	0.097
*lab*nch	0.0	1.0	0.097

***relative* Natural Colour (NC)**

*lab*lrj	0.449	0.976	0.218
*lab*rCe	0.5	1.0	0.035
*lab*nCE	0.0	1.0	r14j

$n^* = 1,0$ $n^* = 0,50$ $n^* = 0,0$

Schwarzheit n^*

0,25 0,50 0,75 1,00

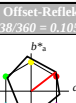
relative Buntheit c^*

Ausgabe: Farbmetrisches Offset-Reflektiv-System ORS18

für Buntton $h^* = lab^*h = 38/360 = 0.105$
*lab*tch* und *lab*nch*

D65: Buntton O
LCH*Ma: 48 83 38
olv*Ma: 1.0 0.0 0.0

Dreiecks-Helligkeit t^*



%Umfang
$u^*_{uni} = 93$
%Regularität
$g^*_{Uni} = 57$
$g^*_{Cuni} = 59$

ORS18; adaptierte CIELAB-Daten

	$L^*=L^*_a$	a^*_a	b^*_a	$C^*_{ab,a}$	$h^*_{ab,a}$
O_{Ma}	47.94	65.39	50.52	82.63	38
Y_{Ma}	90.37	−10.26	91.75	92.32	96
L_{Ma}	50.9	−62.83	34.96	71.91	151
C_{Ma}	58.62	−30.34	−45.01	54.3	236
V_{Ma}	25.72	31.1	−44.4	54.22	305
M_{Ma}	48.13	75.28	−8.36	75.74	354
N_{Ma}	18.01	0.0	0.0	0.0	0
W_{Ma}	95.41	0.0	0.0	0.0	0
R_{CIE}	39.92	58.66	26.98	64.57	25
J_{CIE}	81.26	−2.16	67.76	67.79	92
G_{CIE}	52.23	−42.25	11.76	43.87	164
B_{CIE}	30.57	1.15	−46.84	46.86	271

relative **Inform. Technology (IT)**

olv3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	0.0	0.0	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

***standard and adapted* CIELAB**

LAB*LAB	95.41	−0.98	4.75
LAB*LABa	95.41	0.0	0.0
LAB*TCHa	99.99	0.01	–

relative* CIELAB *lab*

*lab*lab	1.0	0.0	0.0
*lab*tch	1.0	0.0	–
*lab*nch	0.0	0.0	0.0

***relative* Natural Colour (NC)**

*lab*lrj	1.0	0.0	0.0
*lab*rCe	1.0	0.0	–
*lab*nCE	0.0	0.0	0.0

relative **Inform. Technology (IT)**

olv3*	0.5	0.5	0.5	(1.0)
cmyn3*	0.5	0.5	0.5	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

***standard and adapted* CIELAB**

LAB*LAB	56.71	−0.24	2.14
LAB*LABa	56.71	0.0	0.0
LAB*TCHa	50.0	0.01	–

relative* CIELAB *lab*

*lab*lab	0.5	0.0	0.0
*lab*tch	0.5	0.0	–
*lab*nch	0.5	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj	0.5	0.0	0.0
*lab*rCe	0.5	0.0	–
*lab*nCE	0.5	0.0	–

relative **Inform. Technology (IT)**

olv3*	0.0	0.0	0.0	(1.0)
cmyn3*	1.0	1.0	1.0	(0.0)
olv4*	1.0	1.0	1.0	1.0
cmyn4*	0.0	0.0	0.0	0.0

***standard and adapted* CIELAB**

LAB*LAB	18.02	0.0	−0.47
LAB*LABa	18.02	0.0	0.0
LAB*TCHa	0.01	0.01	–

relative* CIELAB *lab*

*lab*lab	0.0	0.0	0.0
*lab*tch	0.0	0.0	–
*lab*nch	1.0	0.0	–

***relative* Natural Colour (NC)**

*lab*lrj	0.0	0.0	0.0
*lab*rCe	0.0	0.0	–
*lab*nCE	1.0	0.0	–

relative **Inform. Technology (IT)**

olv3*	0.5	0.0	0.0	(1.0)
cmyn3*	0.5	1.0	1.0	(0.0)
olv4*	1.0	0.5	0.5	0.5
cmyn4*	0.0	0.5	0.5	0.5

***standard and adapted* CIELAB**

LAB*LAB	32.98	32.9	25.8
LAB*LABa	32.98	32.69	25.25
LAB*TCHa	25.01	41.31	37.69

relative* CIELAB *lab*

*lab*lab	0.193	0.396	0.306
*lab*tch	0.25	0.5	0.105
*lab*nch	0.5	0.5	0.105

***relative* Natural Colour (NC)**

*lab*lrj	0.193	0.477	0.15
*lab*rCe	0.25	0.5	0.048
*lab*nCE	0.5	0.5	r19j

relative **Inform. Technology (IT)**

olv3*	1.0	1.0	1.0	(1.0)
cmyn3*	0.0	1.0	1.0	(0.0)
olv4*	1.0	0.0	0.0	1.0
cmyn4*	0.0	1.0	1.0	0.0

***standard and adapted* CIELAB**

LAB*LAB	47.94	65.3	52.06
LAB*LABa	47.94	65.37	50.51
LAB*TCHa	50.0	82.61	37.69

relative* CIELAB *lab*

*lab*lab	0.387	0.791	0.611
*lab*tch	0.5	1.0	0.105
*lab*nch	0.0	1.0	0.105

***relative* Natural Colour (NC)**

*lab*lrj	0.387	0.954	0.299
*lab*rCe	0.5	1.0	0.048
*lab*nCE	0.0	1.0	r19j

$n^* = 1,0$ $n^* = 0,50$ $n^* = 0,0$

Schwarzheit n^*

0,25 0,50 0,75 1,00

relative Buntheit c^*

NG160−7, 3 stufige Reihen für konstanten CIELAB Buntton 35/360 = 0.097 (links) 3 stufige Reihen für konstanten CIELAB Buntton 38/360 = 0.105 (rechts)

BAM-Prüfvorlage NG16; Farbmetrik-Systeme TLS18 & ORS18 input: *olv* setrgbcolor*
D65: 2 Koordinatendaten; 3stufige Farbreihen für 10 Bunttöne output: *olv* setrgbcolor / w* setgray*

BAM-Registrierung: 20060101-NG16/10Q/Q16G00F1.PS/.TXT BAM-Material: Code−rhäata
Anwendung für Beurteilung und Messung von Drucker− oder Monitorsystemen
NG16; Form 100; Seite 1/1, Seiten 1 Seitenzählung 1